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## **ABSTRACT OF THE DISCLOSURE**

Methods and apparatus for sending a registration request packet on behalf of a node that supports PPP but does not support Mobile IP is implemented in a Foreign Agent. The method comprises accepting a call from the node and receiving authentication information associated with a PPP authentication protocol from the node, the authentication information enabling a PPP node to be authenticated. From this authentication information, a PPP node profile is obtained. The PPP node profile includes registration information associated with the node that enables proxy registration to be performed by the Foreign Agent on behalf of the node, where the registration information associated with the node identifies a Home Agent associated with the node. The registration information may also include other information that may be pertinent to the composition of a registration request packet. A registration request packet including the registration information associated with the node is then composed and sent to the Home Agent on behalf of the node. The registration request packet that is sent by the Foreign Agent also may include a registration indicator indicating whether registration being performed by the Foreign Agent on behalf of the node is a re-registration by the Foreign Agent or an initial registration by the Foreign Agent. More particularly, in accordance with one embodiment, the registration request packet includes a sequence number indicating an order within a sequence of one or more registrations performed by one or more Foreign Agents on behalf of the node. From the sequence number, a Home Agent receiving the registration request packet may determine whether the Foreign Agent is performing a re-registration or an initial registration on behalf of the node.

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